

For Research Use Only

TRIM62 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 82892-1-PBS



Basic Information

| | | |
|-------------------------------------|--|--|
| Catalog Number: 82892-1-PBS | GenBank Accession Number: BC001222 | Purification Method: Protein A purification |
| Source: Rabbit | GeneID (NCBI): 55223 | CloneNo.: 230195G5 |
| Isotype: IgG | UNIPROT ID: Q9BVG3 | |
| Immunogen Catalog Number: AG7143 | Full Name: tripartite motif-containing 62 | |
| | Calculated MW: 54 kDa | |

Applications

Tested Applications:
IF/ICC, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Background Information

TRIM62 (Tripartite motif-containing protein 62) belongs to the TRIM/RBCC family. TRIM proteins are involved in a broad range of biological processes, including some that underlie genetic disorders, neurological disorders and cancers. TRIM62 is shown to promote the release of HIV from infected cells, and a TRIM62 protein that has a mutation in its RING domain was more active than the native protein in promoting HIV release (PMID:18836477).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

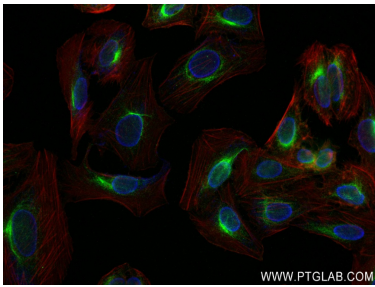
T: 4006900926

E: Proteintech-CN@ptglab.com

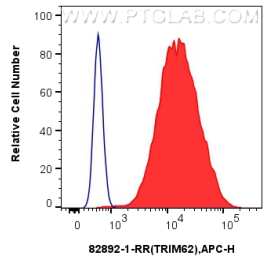
W: ptgcn.com

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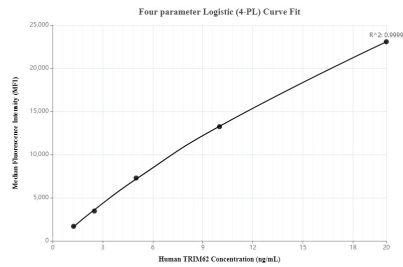
Selected Validation Data



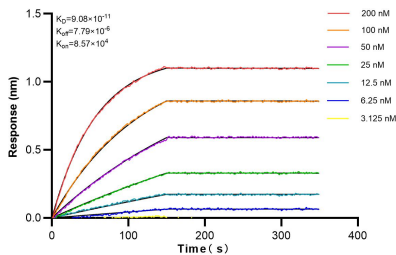
Immunofluorescent analysis of (4% PFA) fixed U2OS cells using TRIM62 antibody (82892-1-RR, Clone: 230195G5) at dilution of 1:150 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 82892-1-PBS in a different storage buffer formulation.



1x10⁶ HeLa cells were intracellularly stained with 0.5 ug Anti-Human TRIM62 (82892-1-RR, Clone:230195G5) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:166 (red), or 0.5 ug rabbit IgG isotype control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer. This data was developed using the same antibody clone with 82892-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01312-1, TRIM62 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82892-5-PBS. Detection antibody: 82892-1-PBS. Standard: Ag7143. Range: 1.25-20 ng/mL.



Bioluminescence resonance energy transfer (BLI) kinetic assays of 82892-1-RR against Human TRIM62 were performed. The affinity constant is 90.8 pM.